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3. Research and Froduction

Research is to be carried out by the Oberspreewerk on a tube to replace TS41, in the therapeutic apparatus being built by the Transformatoren & Rontgenwerk, Dresden. This new tube will have an oxide cathode and will be used purely for therapeutic apparatus. It will be cheaper than the TS41, which is too expensive for incorporation in the apparatus and will have a better all-round performance than the TS41. No TS41 tubes will be manufactured during the first quarter of 1950, as there are sufficient numbers of them in stock. VIF transmitters are being designed for the German Post Office and Volkspolizei. These have 8-12 meter band, with amplitude and frequency modulation, and two TS41 in push-pull in the output circuit. In September 1949 the Russians ordered the production of SA 102, a receiver triode for 10 cms, for use in tube voltmeters and mixing stages. The Oberspreework gave no date for the manufacture of these tubes, because of lack of previous experience in producing the type, which was to have a concave cathode, separated from the anode by only 80 m.

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